

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	9	US-5222014-\$.DID. OR US-6787916-\$.DID. OR US-6493229-\$.DID. OR US-6369448-\$.DID. OR US-6051878-\$.DID. OR US-6025648-\$.DID. OR US-6120855-\$.DID. OR US-5755374-\$.DID. OR US-6670264-\$.DID. OR US-5973392-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/11 14:16
S2	0	(differ\$3 or var\$4 or chang\$3 or inreas\$3 or decreas@3) adj (volume or area) adj (electrode or contact or connection) and @ad<"20030324" and 257/686. CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/11 14:23
S3	1	(differ\$3 or var\$4 or chang\$3 or inreas\$3 or decreas@3) adj (volume or area or size or length) adj (electrode or contact or connection) and @ad<"20030324" and 257/686.CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/11 14:26
S4	105	(differ\$3 or var\$4 or chang\$3 or inreas\$3 or decreas@3) adj (volume or area or size or length) adj (lead or electrode or contact or connection) and @ad<"20030324" and "257".CLAS.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/11 14:31
S5	8	(differ\$3 or var\$4 or chang\$3 or inreas\$3 or decreas@3) adj (volume or area or size or length) adj (lead or electrode or contact or connection) and package and flip\$5 and @ad<"20030324" and "257". CLAS.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/11 16:46
S6	38	(differ\$3 or var\$4 or chang\$3 or inreas\$3 or decreas@3) near (volume or area or size or length) near (lead or electrode or contact or connection) and package and flip\$5 and @ad<"20030324" and "257".CLAS.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/11 15:24
S7	246	228/175,178,179.1,180.1,180.21, 180.22.ccls. and (bump ball) with (differ\$3 vari\$3 chang\$3 increas\$3 decreas\$3) with (height length size area volume)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/11 16:54

S8	229	228/175,178,179.1,180.1,180.21, 180.22.ccls. and (bump ball) with (differ\$3 vari\$3 chang\$3 increas\$3 decreas\$3) with (height length size area volume) and @ad<"20030324"	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/12 08:40
S9	34	228/175,178,179.1,180.1,180.21, 180.22.ccls. and (bump ball) with (differ\$3 vari\$3 chang\$3 increas\$3 decreas\$3) with (height length size area volume) and @ad<"20030324" and 257/738,777,778,779,780,787. ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/12 08:41
S10	14	228/175,178,179.1,180.1,180.21, 180.22.ccls. and (bump ball) with (differ\$3 vari\$3 chang\$3 increas\$3 decreas\$3) with (height length size area volume) and @ad<"20030324" and 257/738,777,778,779,780,787. ccls. and 438/108,613.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/17 07:39
S14	52	"5432358" "6707161" "6396116"	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/12 08:59
S15	8	("3871015"   "5266520"   "6020561"   "6066551").PN. OR ("6444563").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/12 09:40
S17	51	("6020561").URPN. and @ad<"20030324"	USPAT	OR	ON	2005/08/12 09:43
S18	170	("5222014").URPN.	USPAT	OR	ON	2005/08/12 09:51
S19	164	("5222014").URPN. and @ad<"20030324"	USPAT	OR	ON	2005/08/12 09:53
S20	17	(differ\$3 or var\$4 or chang\$3 or increas\$3 or decreas@3) with (volume or area or size or length) with (bump ball lead or electrode or contact or connection) and ("5222014").URPN. and @ad<"20030324"	USPAT	OR	ON	2005/08/12 10:46
S21	0	(differ\$3 or var\$4 or chang\$3 or increas\$3 or decreas@3) with (volume or area or size or length) with (bump ball lead or electrode or contact or connection) and ("6396116").URPN. and @ad<"20030324"	USPAT	OR	ON	2005/09/27 13:32
S22	0	(differ\$3 or var\$4 or chang\$3 or increas\$3 or decreas@3) with (volume or area or size or length) with (bump ball lead or electrode or contact or connection) and ("6707161").URPN. and @ad<"20030324"	USPAT	OR	ON	2005/08/12 10:49

S23	0	(differ\$3 or var\$4 or chang\$3 or increas\$3 or decreas\$3) with (volume or area or size or length) with (bump ball lead or electrode or contact or connection) and ("6444563").URPN. and @ad<"20030324"	USPAT	OR	ON	2005/08/12 11:53
S24	0	("2004/0262368").URPN.	USPAT	OR	ON	2005/08/12 10:54
S25	5	US-6045032-\$.DID. OR US-6769596-\$.DID. OR US-6685080-\$.DID. OR US-6564986-\$.DID. OR US-6288346-\$.DID.	USPAT	OR	ON	2005/08/12 11:55
S32	0	U5-20050008218 U5-20040262368 U5-20040179207 U5-20040056078 U5-20040014317 U5-20030170450	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/12 12:05
S33	6	"20050008218" "20040262368" "20040179207" "20040056078" "20040014317" "20030170450"	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/12 12:06
S34	23	("20020163355"   "20020171133"   "3735255"   "4684884"   "5059897"   "5248967"   "5347086"   "5508228"   "5998861"   "6040530"   "6104198"   "6187418"   "6208156"   "6221682"   "6284080"   "6320201"   "6326555"   "6448506"   "6452502"   "6459161").PN. OR ("6564986"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/12 13:08
S35	0	228/175,178,179.1,180.1,180.21, 180.22.ccls. and (bump ball) with (differ\$3 vari\$3 chang\$3 increas\$3 decreas\$3) with (height length size area volume) and (interval distanc\$3)and "between package" and @ad<"20030324" and 257/738, 777,778,779,780,787.ccls. and 438/108,613.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/15 10:47
S36	7	228/175,178,179.1,180.1,180.21, 180.22.ccls. and (bump ball) with (differ\$3 vari\$3 chang\$3 increas\$3 decreas\$3) with (height length size area volume) and (interval distanc\$3) and @ad<"20030324" and 257/738,777,778,779,780,787. ccls. and 438/108,613.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/17 07:36
S38	23	(differ\$3 vari\$3 chang\$3 increas\$3 decreas\$3) with (height length size area volume interval) and ((second\$3 another) adj (package device chip)) and @ad<"20030324" and 257/738,777,778,779,780,787. ccls. and 438/108,613.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/17 07:43

S40	22	((second\$3 another) adj (package device chip)) and stack\$3 and @ad<"20030324" and 257/738,777, 778,779,780,787.ccls. and 438/108, 613.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/17 07:54
S42	12	((second\$3 another) adj (package device chip)) and (double triple) adj stack\$3 and @ad<"20030324" and "257".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/17 08:15
S43	63	((second\$3 another) adj (package device chip)) and (double triple) with stack\$3 and @ad<"20030324" and "257".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/17 08:15
S45	25	("6025648").URPN. and @ad<"20030324"	USPAT	OR	ON	2005/08/17 08:35
S46	0	"353272"	JPO	OR	ON	2005/09/27 13:12
S47	0	"JP-02353272-\$.DID"	JPO	OR	ON	2005/09/27 13:21
S48	0	"02353272"	JPO	OR	ON	2005/09/27 13:22
S49	1	"2002353272"	JPO	OR	ON	2005/09/27 13:23
S50	1	"2001223297"	JPO	OR	ON	2005/09/27 13:28
S51	1541	257/686,773-781.ccls. and @ad<"20030324"	JPO	OR	ON	2005/09/27 13:31
S52	7934	257/686,773-781.ccls. and @ad<"20030324"	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 13:33
S53	1993	(differ\$3 or var\$4 or chang\$3 or increas\$3 or decreas@3) with (volume or area or size or length) and 257/686,773-781.ccls. and @ad<"20030324"	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 13:36
S54	593	(differ\$3 or var\$4 or chang\$3 or increas\$3 or decreas@3) with (volume or area or size or length) and (expan\$4 warp\$3) with (heat\$3 thermal) and 257/686,773-781.ccls. and @ad<"20030324"	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 13:38
S55	9	("20020079567"   "20020079568"   "5994166"   "6121689"   "6137164"   "6316838"   "6437990").PN. OR ("6633078").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/28 08:23
S56	57	("5001542"   "5363277"   "5442240"   "5710071"   "5742100"   "5751060"   "5751068"   "5770476"   "5801072"   "5801449"   "5880530").PN. OR ("6121689").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/28 08:24

S57	12	("20020079568"   "5986217"   "5994166"   "6121689"   "6137164"   "6271109"   "6316838"   "6396159"   "6414384"   "6417027"   "6437990"   "6518666").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/28 08:27
S58	5	("6184586"   "6222277"   "6225699"   "6238949"   "6252298").PN. OR ("6750549"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/28 10:01